IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 1 9 2005 C

In re application of:

Zhang et al.

Appl. No.: 09/849,537

Filed: May 7, 2001

For: Die-Up Ball Grid Array Package with a Heat Spreader and Method

for Making the Same

Confirmation No.: 7984

Art Unit: 2822

Examiner: Lewis, Monica

Atty. Docket: 1875.0370000

Eighth Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Third Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Second Supplemental Information Disclosure Statement filed on October 28, 2004 in connection with the above-captioned application.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
 Information Disclosure Statement was cited in a communication from a foreign
 patent office in a counterpart application and this communication was not
 received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty
 days prior to the filing of this information disclosure statement.

- ☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
 - c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p).

- 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p); in addition:
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ∑ 5. Documents AA1, AB1, AN1, AO1, AR1, and AS1 were cited in a search report
 by a foreign patent office in a counterpart foreign application. Submission of an
 English language version of the search report (document AT1) that indicates the

J	gree of relevance found by the foreign office is provided in satisfaction of the uirement for a concise explanation of relevance. 1138 OG 37, 38.
_	concise explanation of the relevance of the non-English language document(s) pears below in accordance with 37 C.F.R. § 1.98(a)(3).
Hov	pies of documents AL1, AM1, AN1, AO1, AR1, AS1 and AT1 are submitted. wever, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents d patent application publications cited on the attached Form PTO-1449 are smitted.
con	pies of the documents were cited by or submitted to the Office in an IDS that mplies with 37 C.F.R. § 1.98(a)-(c) in Application No, filed, which is relied upon for an earlier filing date under 35 U.S.C. 20. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
pare	is expected that the examiner will review the prosecution and cited art in the rent application no(s) in accordance with MPEP 2001.06(b), and licate in the next communication from the office that the art cited in the earlier esecution history has been reviewed in connection with the present application.
enclosed I	is respectfully requested that the Examiner initial and return a copy of the Form PTO-1449, and indicate in the official file wrapper of this patent in that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey S. Weaver Attorney for Applicants Registration No. 45,608

Date: 4-19-05

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INFORMATION DISCLOSURE STATEMENT				FILING DATE May 7, 2	ART UNIT 2822	UNIT 2822	
			U.S. PA	TENT DOCUMENTS			
XAMINER NITIA		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
45	AA1	5,173,766	12/1992	Long et al.			
1 9 2005	AB1	2001/005050 A1	06/28/2001	Ohsawa et al.			
RADEMARK CONTRACTOR	AC1	6,614,660	09/2003	Bai et al.			
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	AE1						
	AF1						
	AG1						
	AH1						
	Al1						
	AJ1						
	AK1						
			FOREIGN I	PATENT DOCUMENT	S		
EXAMINER NITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	11-163022	06/18/1999	Japan			Ye N
	AM1	11-307674	11/05/1999	Japan			Ye N
	AN1	59-188948	10/26/1984	Japan			Ye N
	AO1	EP 0865082 A1	09/1998	Europe			Ye N
	AP1						Ye N
		OTHER (Including Author	or, Title, Date, Pertine	ent Pages, et	c.)	
		Patent Al	stracts of Japan	, Publication No. 59188	948, October	26, 1984, vol. <mark>00</mark> 9	, no. 04 9.
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		Patant Al-	etracts of Janan	Publication No. 11-307	7674. Novemb	er 5, 1999, vol. 20	00. no. 2.
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		Copy of I	European Search	Report from European	Application I	No. 2252969.7-22	03, 3 pages,
	AT	(mailed M <u>1</u>	farch 3, 2005).				
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						Ann et il e	
EXAMINER					I DA	TE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.